

Title (en)
HARROW DISC FIXING MECHANISM

Title (de)
BEFESTIGUNGSMECHANISMUS FÜR EINE EGGENSCHIEBE

Title (fr)
MÉCANISME DE FIXATION DE DISQUES EN GRADINS

Publication
EP 2397024 A4 20171108 (EN)

Application
EP 10740957 A 20100205

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Abstract (en)
[origin: EP2397024A1] The invention relates to a harrow disc fixing mechanism for fixing a harrow disc (1) to a hub (2) provided on the main frame of the harrow and having a planet wheel (3) solidly connected thereto. According to the invention, the planet wheel (3) is provided with a projection (5) for centering the associated disc (1) as it is being mounted on the hub (2) and the disc (1) is provided with a central and circular hole (9) for receiving the centering projection (5). The invention is characterized in that the centering projection (5) protrudes from the planet wheel (3), said projection (5) having a frustoconical form with a cylindrical base. The invention is also characterized in that the disc (1) is provided with at least three elongate holes (7) arranged concentrically with the hole (9) and having a widened end (8), intended to receive corresponding screws (6) for fixing the disc (1), whereby said screws can be screwed into corresponding nuts (10).

IPC 8 full level
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Citation (search report)
• [A] WO 2008071391 A1 20080619 - TULIP IND BENELUX SARL [LU], et al
• [A] US 4759411 A 19880726 - WILLIAMSON GERALD E [US]
• See references of WO 2010092217A1

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